

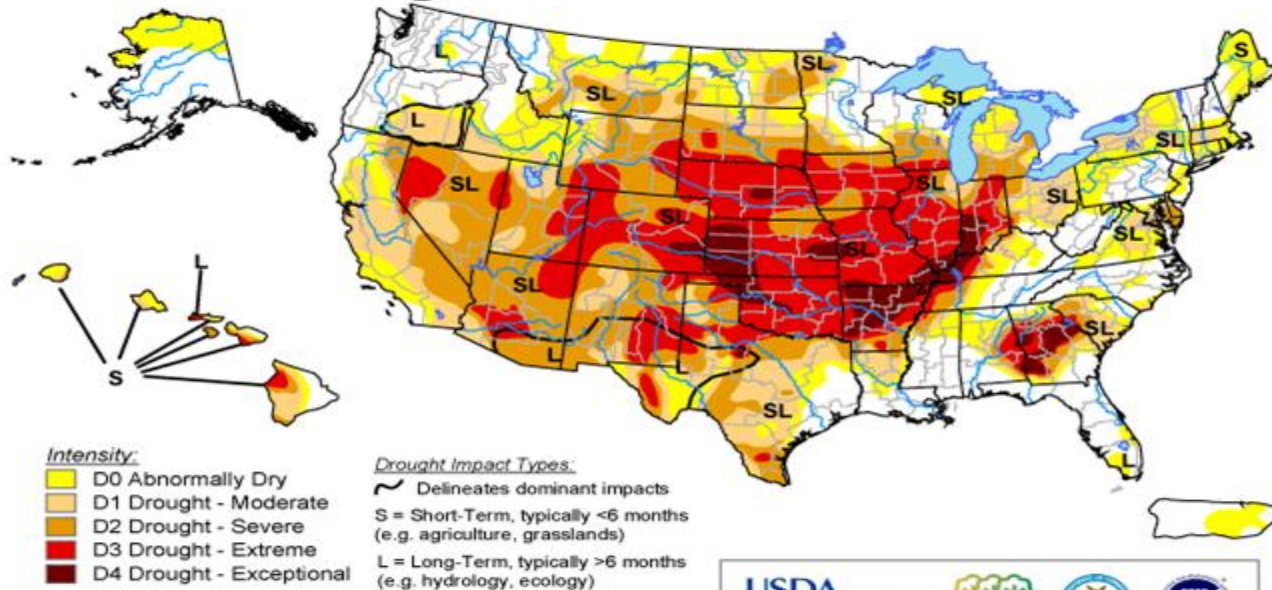


Missouri Ozarks and Southeast Kansas Drought Conditions Update

August 9, 2012

U.S. Drought Monitor

August 7, 2012
Valid 7 a.m. EDT



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu/>



Released Thursday, August 9, 2012

Author: Mark Svoboda, National Drought Mitigation Center

- Widespread intensification through the middle of the country
- 52.27 % of the U. S. and Puerto Rico in moderate drought or worse (D1-D4) down from 52.65% last week
- 38.48% severe drought or worse (D2-D4) up from 38.12 % last week
- 20.18% extreme drought or worse (D3-D4) up from 18.62 % last week
- 3.51% exceptional drought (D4) up from 2.52 % last week

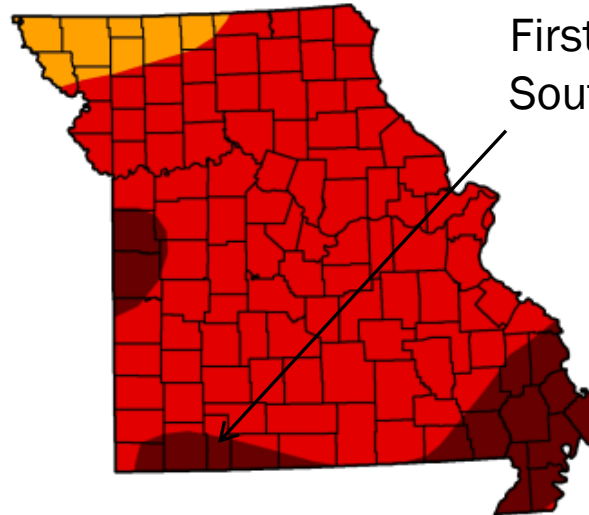
Missouri

Missouri

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	100.00	94.56	13.89
Last Week (07/31/2012 map)	0.00	100.00	100.00	100.00	92.79	8.40
3 Months Ago (05/08/2012 map)	88.05	11.95	2.31	0.00	0.00	0.00
Start of Calendar Year (12/27/2011 map)	95.48	4.52	0.00	0.00	0.00	0.00
Start of Water Year (09/27/2011 map)	55.19	44.81	22.45	8.65	0.00	0.00
One Year Ago (08/02/2011 map)	24.00	76.00	24.24	3.75	0.00	0.00

Intensity:

 D0 Abnormally Dry	 D3 Drought - Extreme
 D1 Drought - Moderate	 D4 Drought - Exceptional
 D2 Drought - Severe	



First time D4 in
Southwest MO

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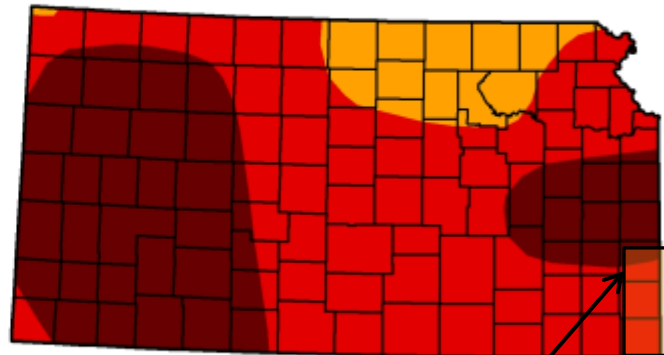
Kansas

Kansas

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	100.00	89.74	38.58
Last Week (07/31/2012 map)	0.00	100.00	100.00	100.00	88.27	17.45
3 Months Ago (05/08/2012 map)	79.62	20.38	9.95	2.36	0.03	0.00
Start of Calendar Year (12/27/2011 map)	42.48	57.52	47.15	23.21	12.79	0.22
Start of Water Year (09/27/2011 map)	16.39	83.61	66.03	48.78	28.54	17.63
One Year Ago (08/02/2011 map)	24.54	75.46	66.43	44.81	22.66	14.55

Intensity:

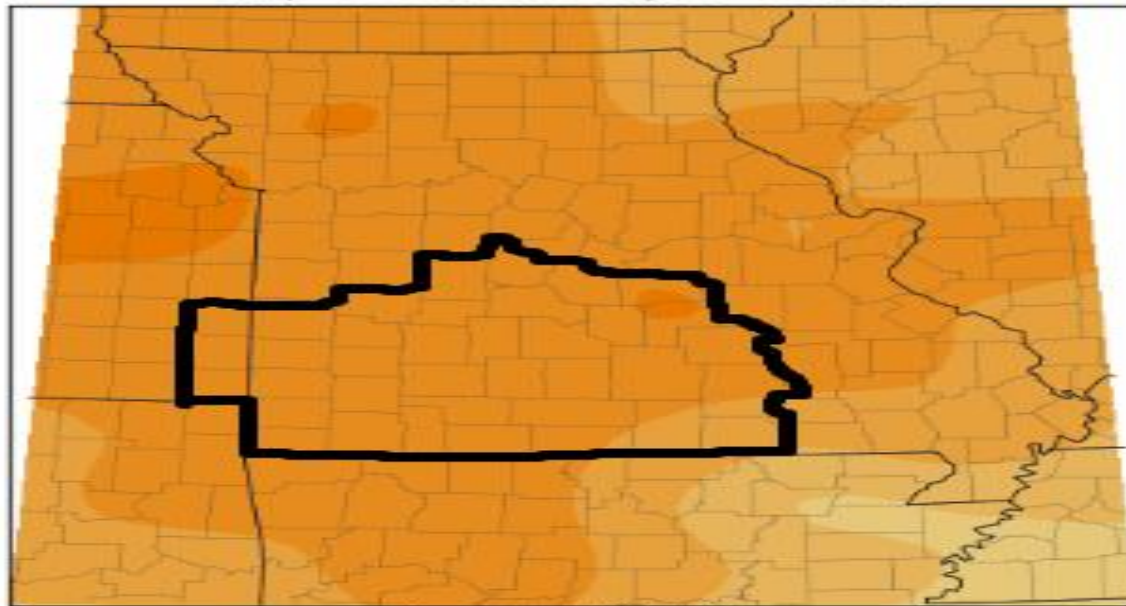
D0 Abnormally Dry	D3 Drought - Extreme
D1 Drought - Moderate	D4 Drought - Exceptional
D2 Drought - Severe	



First time D4 Bourbon County
In Southeast Kansas

Much Above Average May- July

Average Temperature (*F): Departure from Mean
May 4, 2012 to August 1, 2012

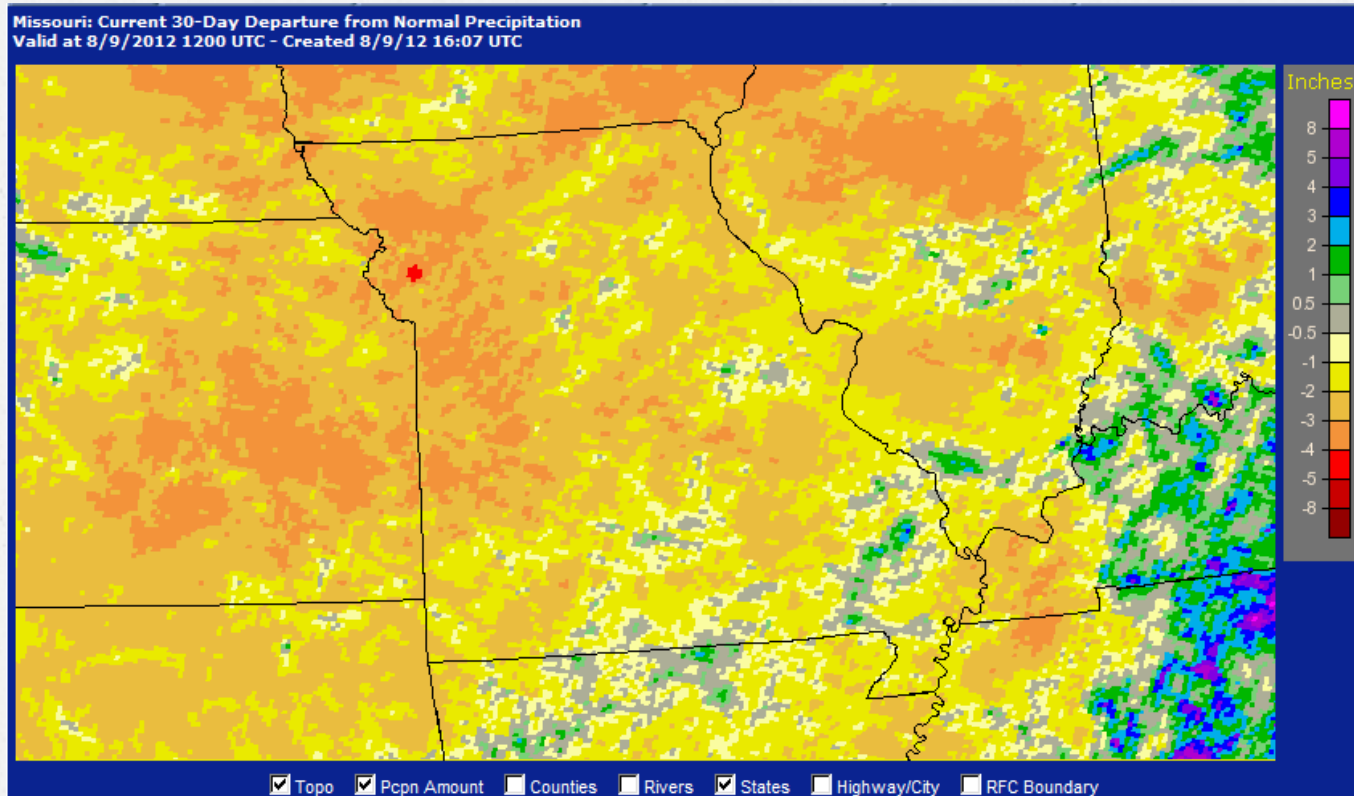


Mean period is 1981-2010.



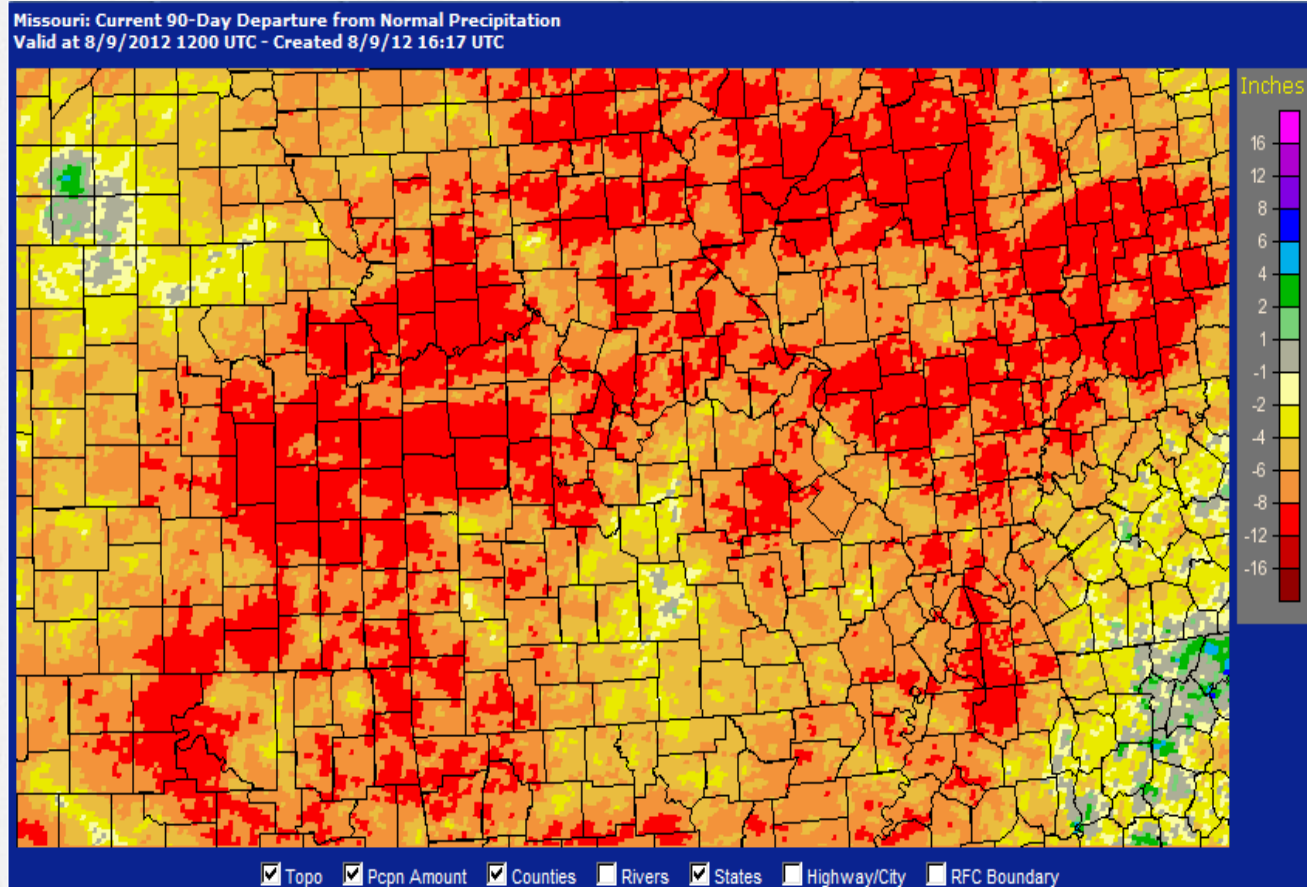
Missouri Climate Center University of Missouri
climate.missouri.edu
Columbia, Missouri

Departure from Normal – Last 30 Days



2-4 inches below normal

Departure from Normal - Last 90 days



8-12 inches below normal

Southwest MO Lakes

Truman

704.88

95 % MP Pool

Lake of the Ozarks

658.33

95 % MP Pool

Stockton

862.56

88 % MP Pool

Table Rock Lake

909.74

76 % MP Pool

Bull Shoals

649.95

75 % MP Pool

North Arkansas Lakes

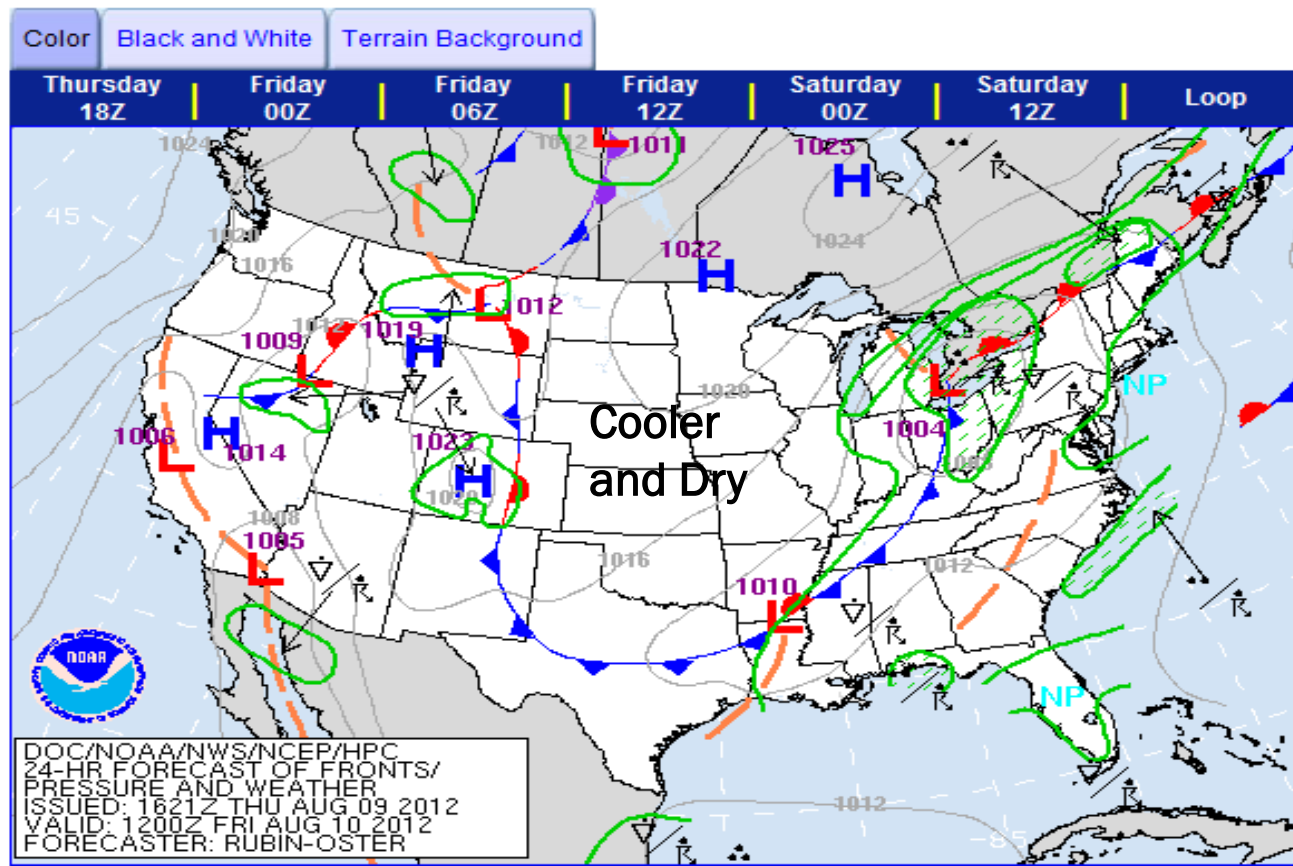
Beaver Lake 1113.04

76 %

Norfork Lake 545.98

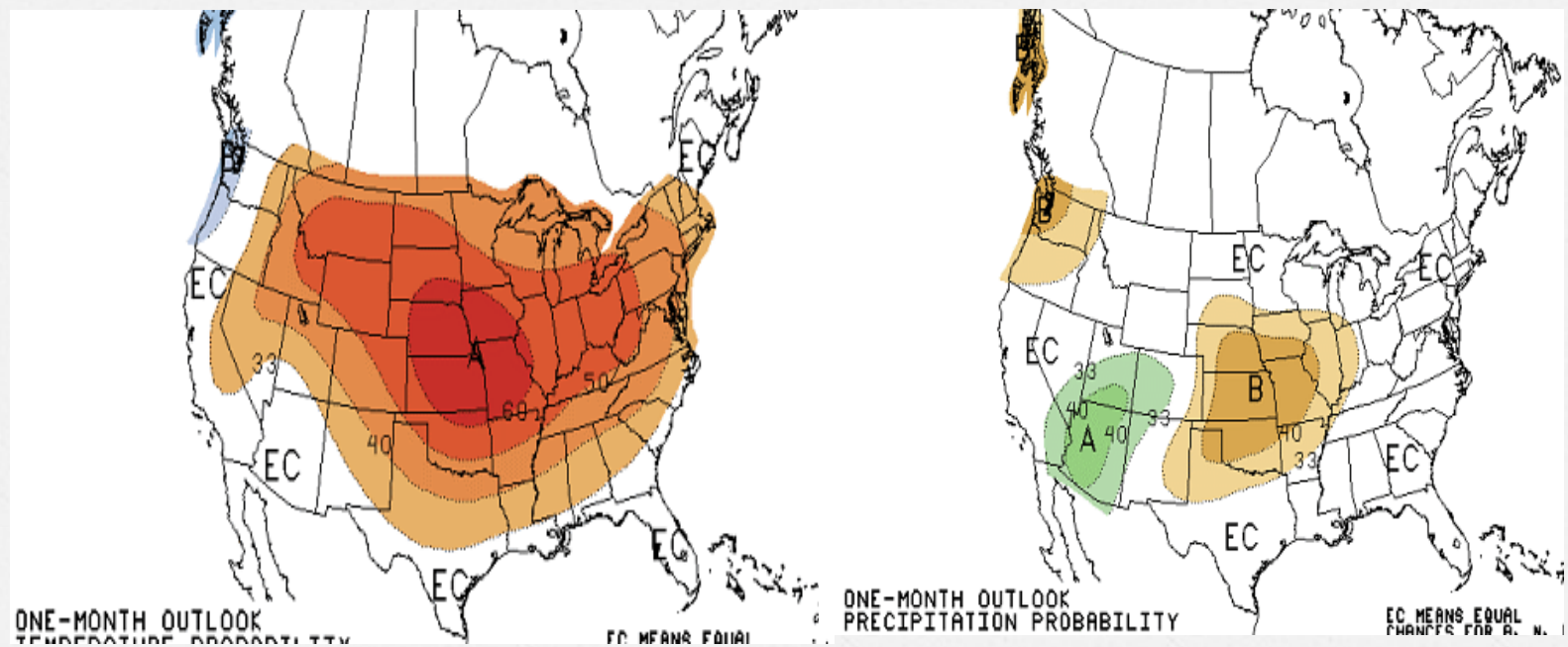
77 %

Short Term Trends

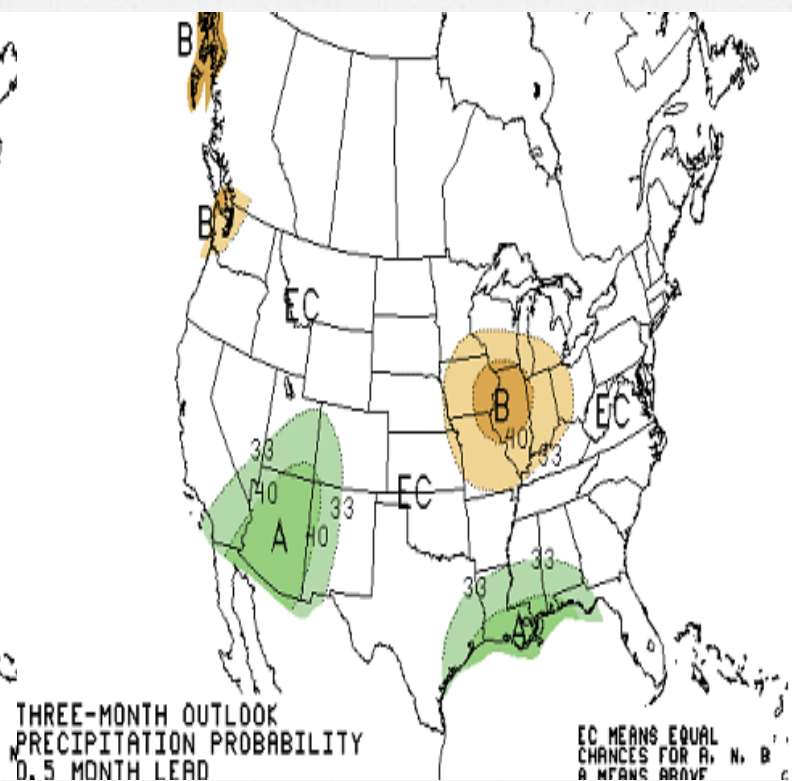
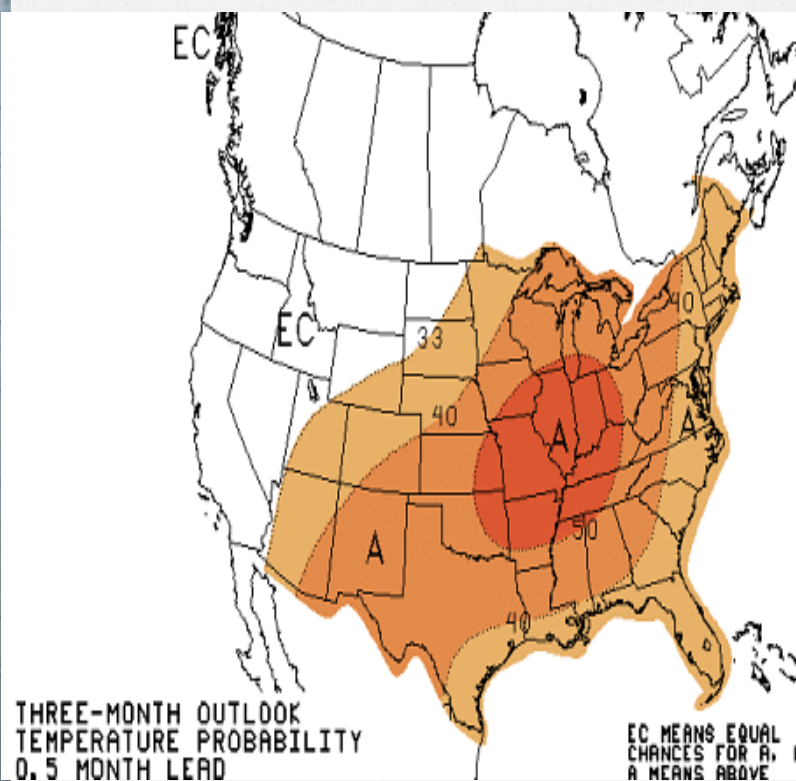


30-Day Outlook

Hot and Dry Through August



90-Day Outlook



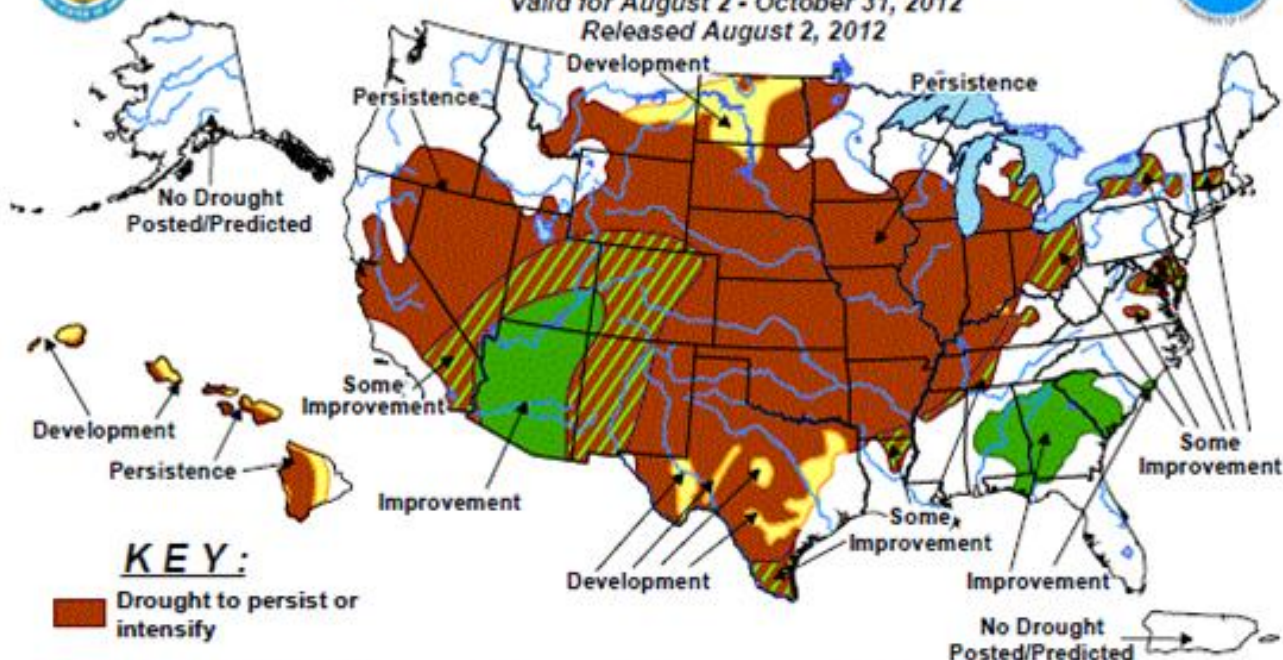


U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for August 2 - October 31, 2012

Released August 2, 2012



KEY:

-  Drought to persist or intensify
-  Drought ongoing, some improvement
-  Drought likely to improve, impacts ease
-  Drought development likely

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events — such as individual storms — cannot be accurately forecast more than a few days in advance. Use caution for applications — such as crops — that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor. NOTE: the green improvement areas imply at least a 1-category improvement in the Drought Monitor intensity levels, but do not necessarily imply drought elimination.

Drought Update

Impacts??

<http://droughtreporter.unl.edu/>